Notice of Allowability	Application No.	Applicant(s)	
	10/738,409	SEO, WON SUN	
	Examiner	Art Unit	
	Chandra Chaudhari	2891	
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	olication. If not include will be mailed in due	ed course. THIS
1. 🔀 This communication is responsive to application filed on De	ecember 17, 2003.		
2. ☑ The allowed claim(s) is/are <u>1-9</u> .			
3. \boxtimes The drawings filed on <u>17 December 2003</u> are accepted by	the Examiner.		
4. Acknowledgment is made of a claim for foreign priority unexpense and the second sec	been received. been received in Application No cuments have been received in this rec	complying with the required SAMENDMENT or Notion is deficient. 948) attached ffice action of gs in the front (not the late).	uirements OTICE OF
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08	5. ☐ Notice of Informal Pa 6. ☐ Interview Summary (Paper No./Mail Date 8), 7. ☑ Examiner's Amendm	PTO-413),	- 152)
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Statemer		vance
of Biological Material	9.		

Application/Control Number: 10/738,409

Art Unit: 2891

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Park on May 24, 2005.

The application has been amended as follows:

In the "Abstract of the Disclosure", replace the text with the following:

In fabricating a capacitor of a semiconductor device, a first contact plug is formed in a plug contact hole formed by patterning a portion of a first interlayer insulating film formed on a substrate. A first barrier layer, a first polysilicon layer, and a second barrier layer are formed. A first contact hole is formed after sequentially patterning the second barrier layer, the first polysilicon layer, and the first barrier layer. A first dielectric layer is formed to have portions located at outside and bottom parts of the first contact hole. A second polysilicon layer is formed to have its portions located at portions except for the first contact hole. A second dielectric layer and a third polysilicon layer are formed. A second interlayer insulating film is formed after patterning the third polysilicon layer. The second interlayer insulating film, the patterned third polysilicon layer, the second dielectric layer, the second barrier layer, and the first polysilicon layer are selectively removed to form a second contact hole and a second contact plug, and then forming a metal wiring.

The following is an examiner's statement of reasons for allowance:

The prior art does not disclose to form a first polysilicon layer and a second barrier layer on the first barrier layer, and sequentially patterning the second barrier layer, the first polysilicon layer, and the first barrier layer, thereby forming a first contact hole which exposes an upper surface of the contact plug as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chandra Chaudhari whose telephone number is 571-272-1688. The examiner can normally be reached on Mon - Fri (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bill Baumeister can be reached on 571-272-1722. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chandra Chaudhari Primary Examiner Art Unit 2891

Chandra Chaudhari Chandra Chaudhari

May 24, 2005